

Converting Colors

XYZ(39.5432, 36.1165, 15.0122)

Have a look what the booklet for
XYZ(39.5432, 36.1165, 15.0122)
contains.

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Color

**XYZ(39.5432, 36.1165,
15.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	D3955C
RGB	211, 149, 92
RGB Percent	83%, 58%, 36%
CMY	0.1726, 0.4157, 0.6392
CMYK	0.00, 0.29, 0.56, 0.17
HSL	29°, 57%, 59%
HSV	29°, 56%, 83%
XYZ	39.5432, 36.1165, 15.0122
YIQ	161.0400, 55.2490, -4.5830

Conversions

Conversions Part 2

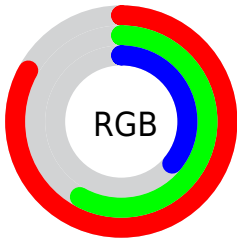
Format	Color
R _Y B	211, 201, 92
Decimal	13866332
CIE Lab	66.61, 17.19, 39.11
CIE LCh	67, 42.719, 66.272
Yxy	36.1165, 0.4361, 0.3983
Android (android.graphics.Color)	4292056412 (0xFFD3955C)
YUV	161.0400, -34.0367, 43.8149
Hunter-Lab	60.0970, 12.2814, 27.2573

Details

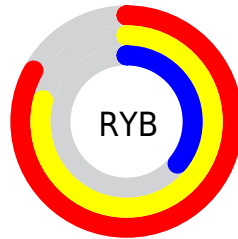
The XYZ color **39.5432, 36.1165, 15.0122** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **27.7265, 30.0882, 65.9741**, and the grayscale version is **34.0309, 35.8032, 38.9897**.

A 20% lighter version of the original color is **67.5539, 65.9550, 35.1567**, and **17.9592, 15.6895, 4.4647** is the 20% darker color. If you saturate the color by 10%, you get **37.0884, 32.4833, 10.2598**, and if you desaturate by 10%, it is **42.4207, 40.1843, 21.1733**.

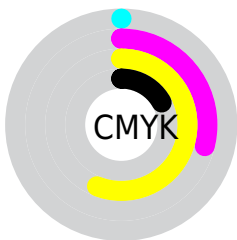
Distribution



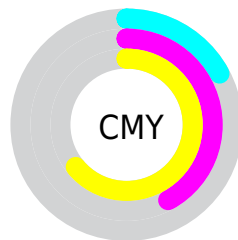
- Red (83%)
- Green (58%)
- Blue (36%)



- Red (83%)
- Yellow (79%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (56%)
- Black (17%)




- Cyan (17%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5432, 36.1165, 15.0122 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.5432, 36.1165, 15.0122 by changing the saturation by 10% instead.


 39.5432, 36.1165,
15.0122

 39.5432, 36.1165,
15.0122


335.3620,
329.4695, 235.0834


 27.3652, 24.5242,
8.6812


 73.7562, 69.2118,
35.6172


 17.9857, 15.7229,
4.4399


 96.5219, 91.4837,
50.7283

 11.0393, 9.3283,
1.8696


 123.5475,
118.0841, 69.6032

 6.1608, 4.9559,
0.4733

 155.1984,
149.3976, 92.6604

 2.9847, 2.2214,
0.0000

191.8399,
185.8084, 120.3185

 1.1457, 0.7316,
0.0000

233.8375,

 0.0628, 0.0000,

227.7011, 152.9960

0.0000

281.5564,
275.4600, 191.1114

■ 0.0000, 0.0000,
0.0000

■ 39.5432, 36.1165,
15.0122

■ 39.5432, 36.1165,
15.0122

■ 37.0884, 32.4833,
10.2598

■ 42.4207, 40.1843,
21.1733

■ 35.0274, 29.2616,
6.7971

■ 45.7421, 44.6979,
28.8447

■ 33.3307, 26.4335,
4.4886

■ 49.5301, 49.6744,
38.1208

■ 31.9608, 23.9761,
3.1616

■ 53.8046, 55.1283,
49.0879

■ 31.5249, 23.1710,
2.8109

■ 58.5846, 61.0734,
61.8256

■ 63.8878, 67.5228,
76.4089

■ 69.7311, 74.4891,
92.9082

■ 75.1820, 81.6051,
106.3966

■ 78.4619, 88.1649,
107.4899

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.2831, 36.1165, 21.8859



39.5432, 36.1165, 15.0122



32.9956, 36.1165, 13.5965

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.5432, 36.1165, 15.0122



23.4529, 36.1165, 43.3182



42.1682, 36.1165, 75.3061

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.5432, 36.1165, 15.0122



27.7265, 30.0882, 65.9741

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.6951, 36.1165, 86.0250



39.5432, 36.1165, 15.0122



25.2991, 36.1165, 64.1926

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.5432, 36.1165, 15.0122



24.2138, 36.1165, 26.7356



29.5921, 36.1165, 81.4257



46.9260, 36.1165, 55.3508

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.5432, 36.1165, 15.0122



29.1442, 36.1165, 15.3642



29.5921, 36.1165, 81.4257



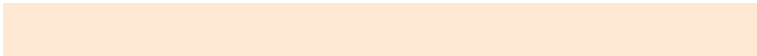
40.0919, 36.1165, 80.3521

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.5441, 36.1183, 15.0129



82.0534, 83.9436, 73.9342



36.6469, 23.8857, 33.8954



17.2670, 17.5931, 15.0561



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5441, 36.1183, 15.0129



56.1425, 48.6526, 14.3349



51.1165, 59.2632, 18.8704



12.2693, 12.7292, 12.4224



19.1268, 14.1866, 1.7302



1.1487, 0.9517, 0.1232

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.7265, 30.0882, 65.9741



36.2352, 38.4764, 100.1246



20.3516, 15.3385, 63.5158



11.6659, 12.4221, 15.0265



10.5593, 9.7651, 38.5208



0.6696, 0.7045, 2.1802

Previews

White Background



This preview shows how the XYZ color 39.5432, 36.1165, 15.0122 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.5432, 36.1165, 15.0122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

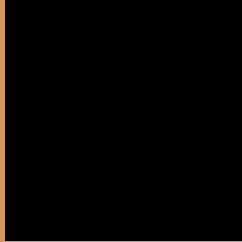
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5432, 36.1165, 15.0122

Background



This preview shows how black text looks on a background with the XYZ color 39.5432, 36.1165, 15.0122.



This preview shows how white text looks on a background with the XYZ color 39.5432, 36.1165,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.5432, 36.1165, 15.0122

Protanopia

33.4381, 36.1687, 16.5281

Deuteranopia

36.8984, 36.2038, 14.9408



Tritanopia

43.6594, 36.2119, 34.3943

Trichromacy



Original Color

39.5432, 36.1165, 15.0122

Protanomaly

35.3577, 35.8873, 15.8899

Deuteranomaly

37.9082, 36.2343, 14.8935

Tritanomaly

41.8862, 36.1586, 25.8908

Monochromacy



Original Color

39.5432, 36.1165, 15.0122

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.0913, 35.4752, 28.2904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5432, 36.1165, 15.0122 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 149, 92)` looks like.

```
.text, #text, p{  
    color:rgb(211, 149, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 149, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 149, 92) }
```

Border

The CSS property to change the border of an element to XYZ 39.5432, 36.1165, 15.0122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 149, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(211, 149, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(211, 149, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 149, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 149, 92);  
box-shadow:4px 4px 4px 4px rgb(211, 149,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5432, 36.1165, 15.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 149, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
149, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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